

Ashley Polymers Ashlene® 830LN Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

Material Notes:

Basic Nylon 6, medium viscosity, lubricated and nucleated for injection molding.Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-830LN-Nylon-6.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in³	ASTM D792
Water Absorption	1.6 %	1.6 %	24 hrs; ASTM D570
Moisture Absorption at Equilibrium	2.6 %	2.6 %	50% RH; ASTM D570
Water Absorption at Saturation	9.3 %	9.3 %	ASTM D570
Linear Mold Shrinkage	0.0090 cm/cm	0.0090 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	120	120	ASTM D785
Tensile Strength, Ultimate	84.0 MPa	12200 psi	ATSM D638
Elongation at Break	30 %	30 %	ASTM D638
Flexural Modulus	2.90 GPa	421 ksi	ASTM D790
Izod Impact, Notched	0.480 J/cm	0.899 ft-lb/in	ASTM D256
	0.350 J/cm	0.656 ft-lb/in	ASTM D256
	@Temperature -40.0 °C	@Temperature -40.0 °F	

Thermal Properties	Metric	English	Comments
Melting Point	216 °C	421 °F	ASTM D3418
Deflection Temperature at 0.46 MPa (66 psi)	188 °C	370 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	68.0 °C	154 °F	ASTM D648

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China